

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A receptor chip, on which a recombinantly expressed biotinylated receptor protein is immobilized via a factor capable of specifically binding to biotin, wherein the receptor protein comprises a biotinylation sequence motif, wherein the biotinylation of the receptor protein has been carried out within a bacterial host and the immobilized receptor protein is obtained by refolding a biotinylated receptor protein expressed as an inclusion body within the host, wherein the receptor protein has the ability of being specifically bound by an endogenous ligand of the receptor protein, and wherein the receptor is a scavenger receptor LOX-1.

2.-16. (Canceled)

17. (Previously Presented) A receptor chip according to claim 1, wherein the biotinylated protein is immobilized to a sensor site of a surface plasmon resonance device, a quartz-crystal microbalance, or a mass spectrophotometer.

18.-43. (Canceled)

44. (Previously Presented) A receptor chip according to claim 17, wherein the chip conforms to a shape of an insertion site of the surface plasmon resonance device.

45. (Previously Presented) A receptor chip according to claim 17, wherein the biotinylated receptor protein is immobilized on a quartz oscillator.